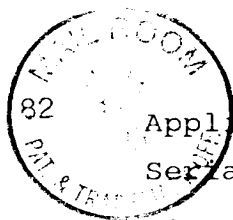


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application of: Palese and O'Neill

Serial No.: 08/444,994

Group Art Unit: To Be Assigned

Filed: May 19, 1995

Examiner: To Be Assigned

For: IDENTIFICATION AND USE OF Attorney Docket No.: 6923-054  
ANTIVIRAL COMPOUNDS THAT  
INHIBIT INTERACTION OF  
HOST CELL PROTEINS AND  
VIRAL PROTEINS REQUIRED  
FOR VIRAL REPLICATION

**RESPONSE TO NOTICE TO COMPLY WITH  
REQUIREMENTS FOR PATENT APPLICATION  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR  
AMINO ACID SEQUENCE DISCLOSURES**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Attn: Application Processing Division,  
Special Processing and Correspondence Branch

Sir:

Pursuant to a Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosure dated June 15, 1995 in connection with above-identified application, Applicants submit herewith a) Sequence Listings in paper and computer readable form pursuant to 37 C.F.R. §1.821(c) and (e), respectively; and b) a Preliminary Amendment under 37 C.F.R. § 1.115.

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively, are the same.

I hereby state that the submission, filed in  
accordance with 37 C.F.R. §1.821(g), herein does not include  
new matter.

Respectfully submitted,

*Laura A. Coruzzi*

Date

8/18/95

*By Thomas J. Helin*  
Laura A. Coruzzi

#35795  
30,742  
(Reg. No.)

**PENNIE & EDMONDS**

1155 Avenue of the Americas  
New York, New York 10036-2711  
(212) 790-9090

Enclosures



GOENIX

# **PARTS**

MIS \_\_\_\_\_  
 Paper  
 LET. \_\_\_\_\_  
 Letter  
 3/1P \_\_\_\_\_  
 3/1 Application  
 ing Elections  
 ABST \_\_\_\_\_  
 ADS \_\_\_\_\_  
 Sheet  
 AF/D \_\_\_\_\_  
 Received  
 APPENDIX \_\_\_\_\_  
 ARTIFACT \_\_\_\_\_  
 BIB \_\_\_\_\_  
 CLM \_\_\_\_\_  
 COMPUTER \_\_\_\_\_  
 Listing  
 CRFL \_\_\_\_\_  
 for Backfile  
 DIST \_\_\_\_\_  
 Filed  
 DRW \_\_\_\_\_  
 FOR \_\_\_\_\_  
 ERPR \_\_\_\_\_  
 ers  
 IDS \_\_\_\_\_  
 149

NPL \_\_\_\_\_  
 Non-Patent Literature  
 OATH \_\_\_\_\_  
 Oath or Declaration  
 PET. \_\_\_\_\_  
 Petition  
 RETMAIL \_\_\_\_\_  
 Mail Returned by USPS  
 SEQLIST \_\_\_\_\_  
 Sequence Listing  
 SPEC \_\_\_\_\_  
 Specification  
 SPEC NO \_\_\_\_\_  
 Specification Not in English  
 TRNA \_\_\_\_\_  
 Transmittal New Application

CTNF \_\_\_\_\_  
 Count Non-Final  
 CTRS \_\_\_\_\_  
 Count Restriction  
 EXIN \_\_\_\_\_  
 Examiner Interview  
 M903 \_\_\_\_\_  
 DO/EO Acceptance  
 M905 \_\_\_\_\_  
 DO/EO Missing Requirement  
 NFDR \_\_\_\_\_  
 Formal Drawing Required  
 NOA \_\_\_\_\_  
 Notice of Allowance  
 PETDEC \_\_\_\_\_  
 Petition Decision

## **OUTGOING**

CTMS \_\_\_\_\_  
 Misc. Office Action  
 1449 \_\_\_\_\_  
 Signed 1449  
 892 \_\_\_\_\_  
 892  
 ABN \_\_\_\_\_  
 Abandonment  
 APDEC \_\_\_\_\_  
 Board of Appeals Decision  
 APEA \_\_\_\_\_  
 Examiner Answer  
 CTAV \_\_\_\_\_  
 Count Advisory Action  
 CTEQ \_\_\_\_\_  
 Count Ex parte Quayle  
 CTFR \_\_\_\_\_  
 Count Final Rejection

## **INCOMING**

AP.B \_\_\_\_\_  
 Appeal Brief  
 C.AD \_\_\_\_\_  
 Change of Address  
 N/AP \_\_\_\_\_  
 Notice of Appeal  
 PA.. \_\_\_\_\_  
 Change in Power of Attorney  
 REM \_\_\_\_\_  
 Applicant Remarks in Amendment  
 XT/ \_\_\_\_\_  
 Extension of Time filed separate

### **Internal**

SRNT \_\_\_\_\_  
 Notes  
 CLMPTO \_\_\_\_\_  
 Complete Claim Set

ECBOX \_\_\_\_\_  
 Evidence Copy Box Identification  
 WCLM \_\_\_\_\_  
 Claim Worksheet  
 WFEE \_\_\_\_\_  
 Fee Worksheet

### **File Wrapper**

FWCLM \_\_\_\_\_  
 File Wrapper Claim  
 IIFW \_\_\_\_\_  
 File Wrapper Issue Information  
 SRFW \_\_\_\_\_  
 File Wrapper Search Info

**SUPPLEMENTAL  
DECLARATION  
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below of the subject matter which is claimed and for which a patent is sought on the invention entitled

**"IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT INHIBIT INTERACTION  
OF HOST CELL PROTEINS AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION"**

the specification of which is attached hereto and includes amendments filed of even date herewith unless one of the following boxes is checked:

☒ the specification was filed in the United States on May 19, 1995 as Application Serial No. 08/444,994 *(not declaration not in accompanying application)*  
with amendment(s) filed on \_\_\_\_\_ *(if applicable)*

☐ the specification was filed as PCT international application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

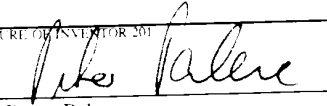
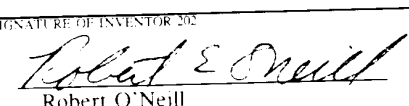
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/246,583			x	

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine E. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), and Marcia H. Sundeen (Reg. No. 30893), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711			DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
2 0 1	FULL NAME OF INVENTOR	LAST NAME PALESE	FIRST NAME PETER	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Leonia	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 414 Highwood Avenue	CITY Leonia	STATE OR COUNTRY New Jersey
2 0 2	FULL NAME OF INVENTOR	LAST NAME O'NEILL	FIRST NAME ROBERT	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE OR FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 621 West 169th Street, #2F	CITY New York	STATE OR COUNTRY New York
2 0 3	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY
2 0 4	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY
2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201  Peter Palese	SIGNATURE OF INVENTOR 202  Robert O'Neill	SIGNATURE OF INVENTOR 203
DATE 7/26, 1995	DATE 8/14, 1995	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE